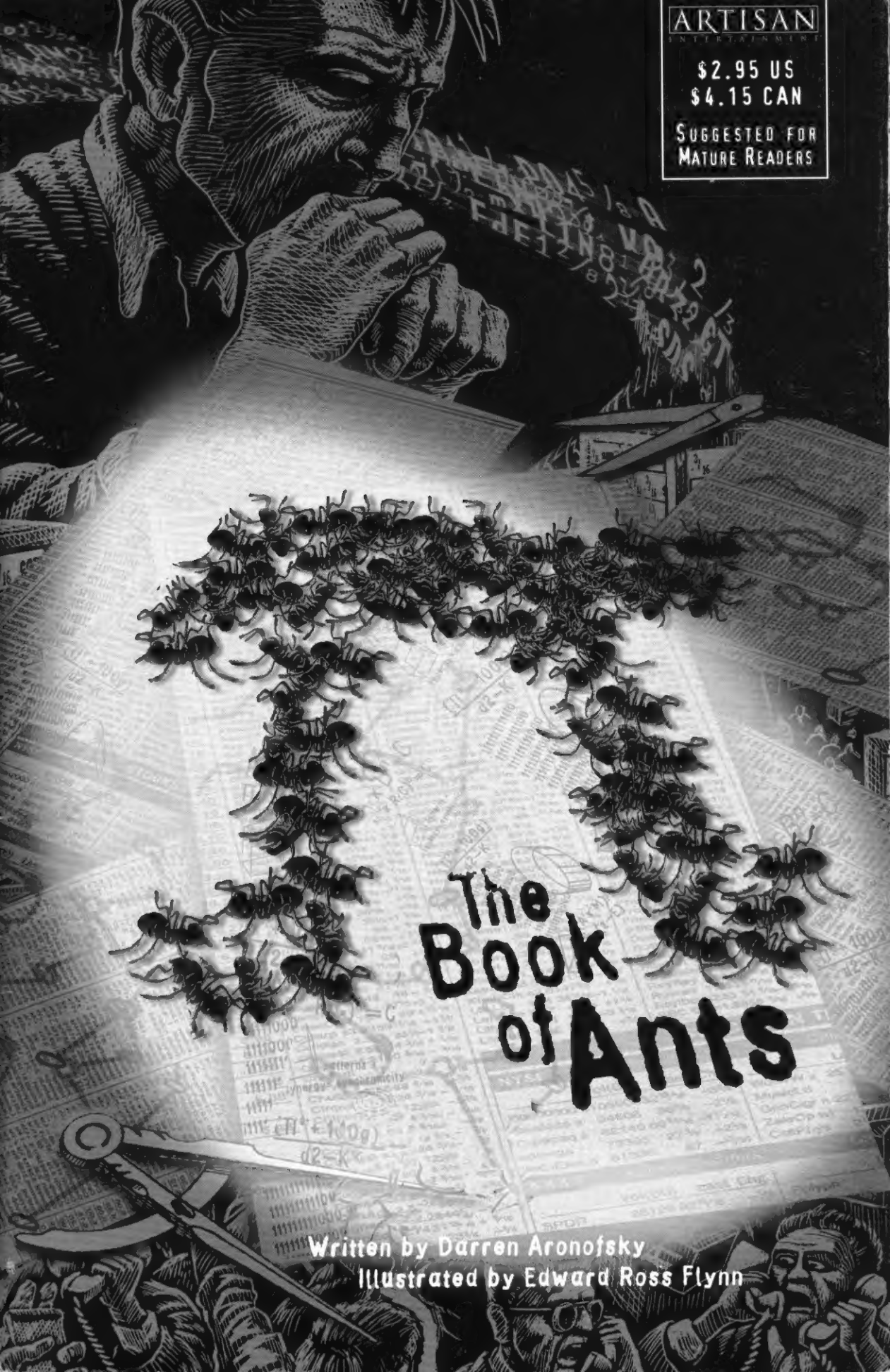


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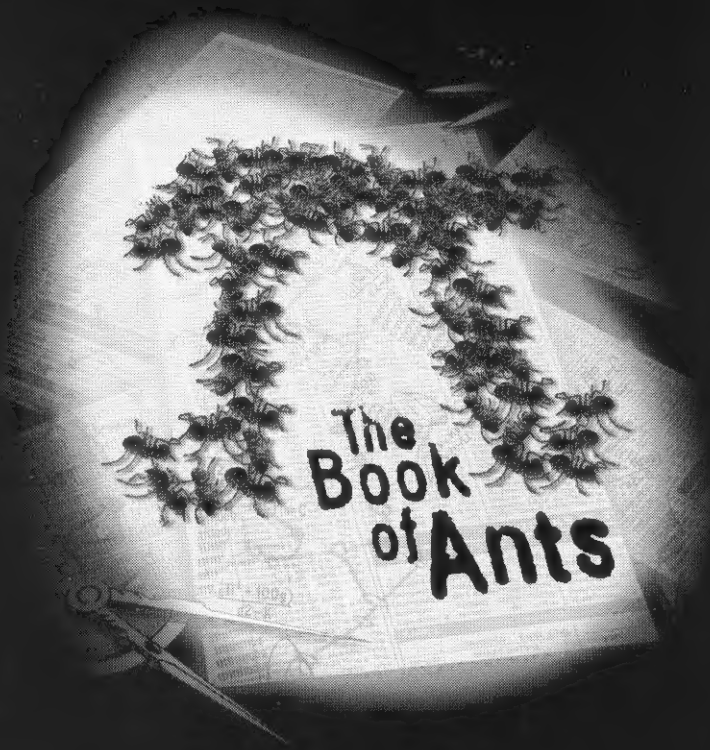
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SUGGESTED FOR  
MATURE READERS



# The Book of Ants

Written by Darren Aronofsky  
Illustrated by Edward Ross Flynn



**Art & Design by  
Edward Ross Flynn**

**Written by  
Darren Aronofsky**

**Based on the motion picture  $\pi$   
a film by Darren Aronofsky**

**Story by  
Darren Aronofsky, Sean Gullette  
& Eric Watson**

Thanks to the following people for all their help: Eric Watson, Sean Gullette & the cast of  $\pi$ , JoBabes, JD & the FCB Studio, Izzy, Artisan Entertainment, and Lady Morgan.

Based on the motion picture  $\pi$  ©1998 Protozoa Pictures, Inc.

Text: ©1998 Darren Aronofsky. Art: ©1998 Edward R. Flynn.

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Published by Artisan Entertainment. Distributed by Dark Horse Comics. Printed in Canada.

9:18 Personal Note:

When I was a little boy,  
my mother told me not  
to stare into the sun...

...so once  
when I was six,  
I did.

...the doctors didn't know if  
I would ever heal. I was terrified.  
Alone in that darkness.

Slowly daylight crept in through  
the bandages and I could see.  
But something else had  
changed inside me...









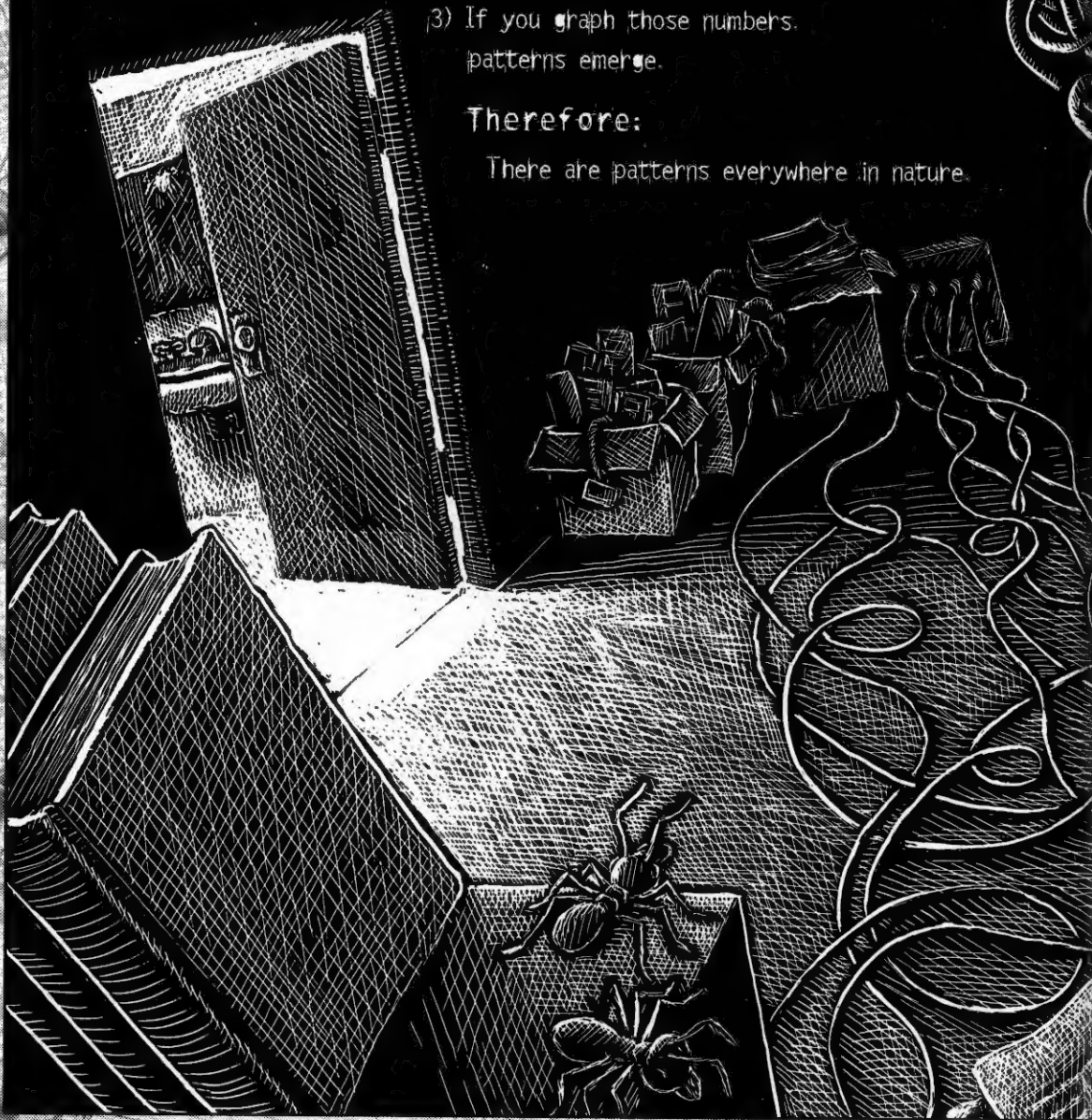
CLICK. BUZZZZ. POP. CLICK. CLICK. CLICK. BUZZZZ. CLICK. BUZZZZ. POP.

11:15 Restate my assumption:

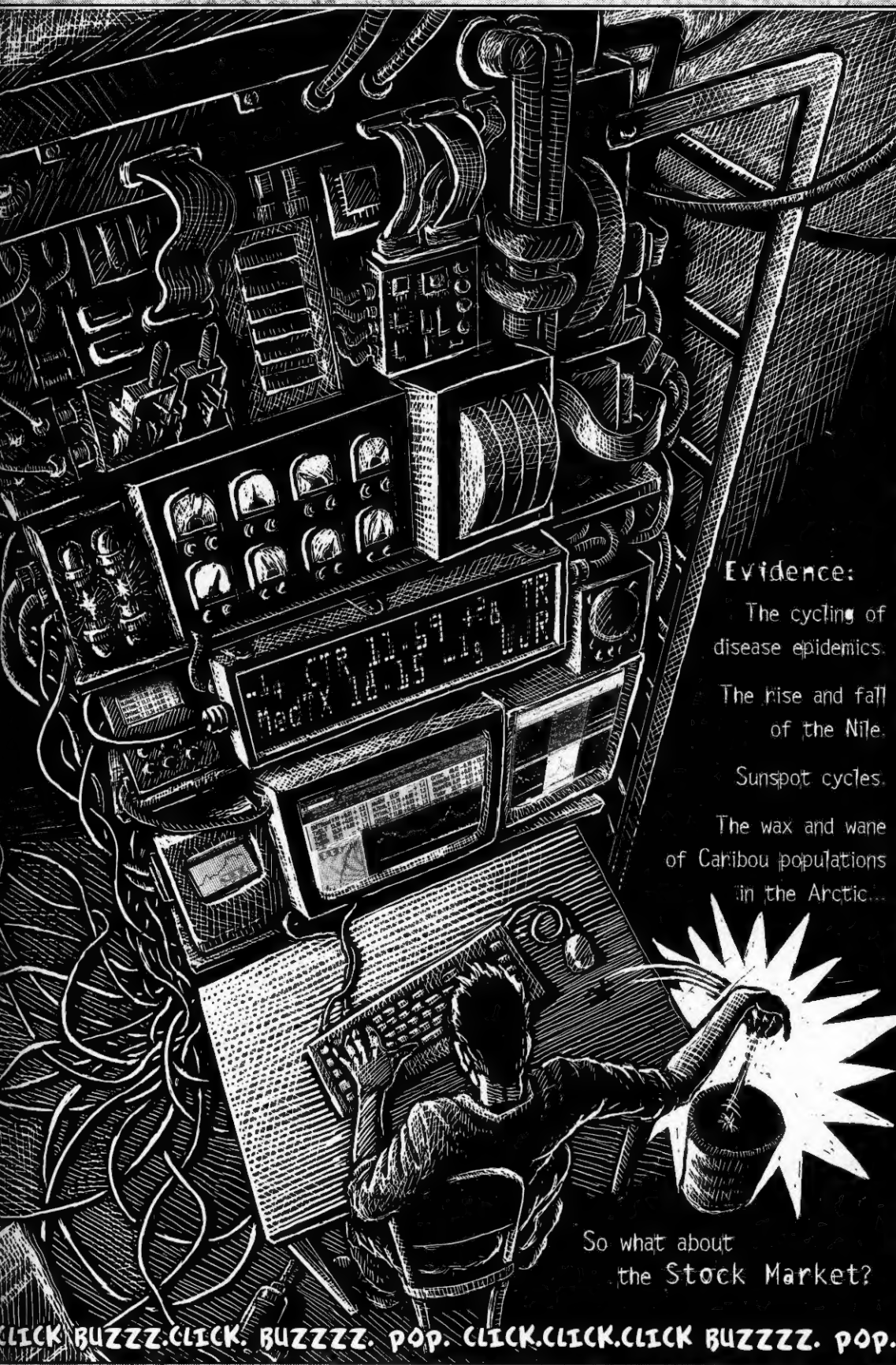
- 1) Mathematics is the language of nature.
- 2) Everything around us can be represented and understood through numbers.
- 3) If you graph those numbers, patterns emerge.

Therefore:

There are patterns everywhere in nature.







### Evidence:

The cycling of  
disease epidemics.

The rise and fall  
of the Nile.

Sunspot cycles.

The wax and wane  
of Caribou populations  
in the Arctic...

So what about  
the Stock Market?

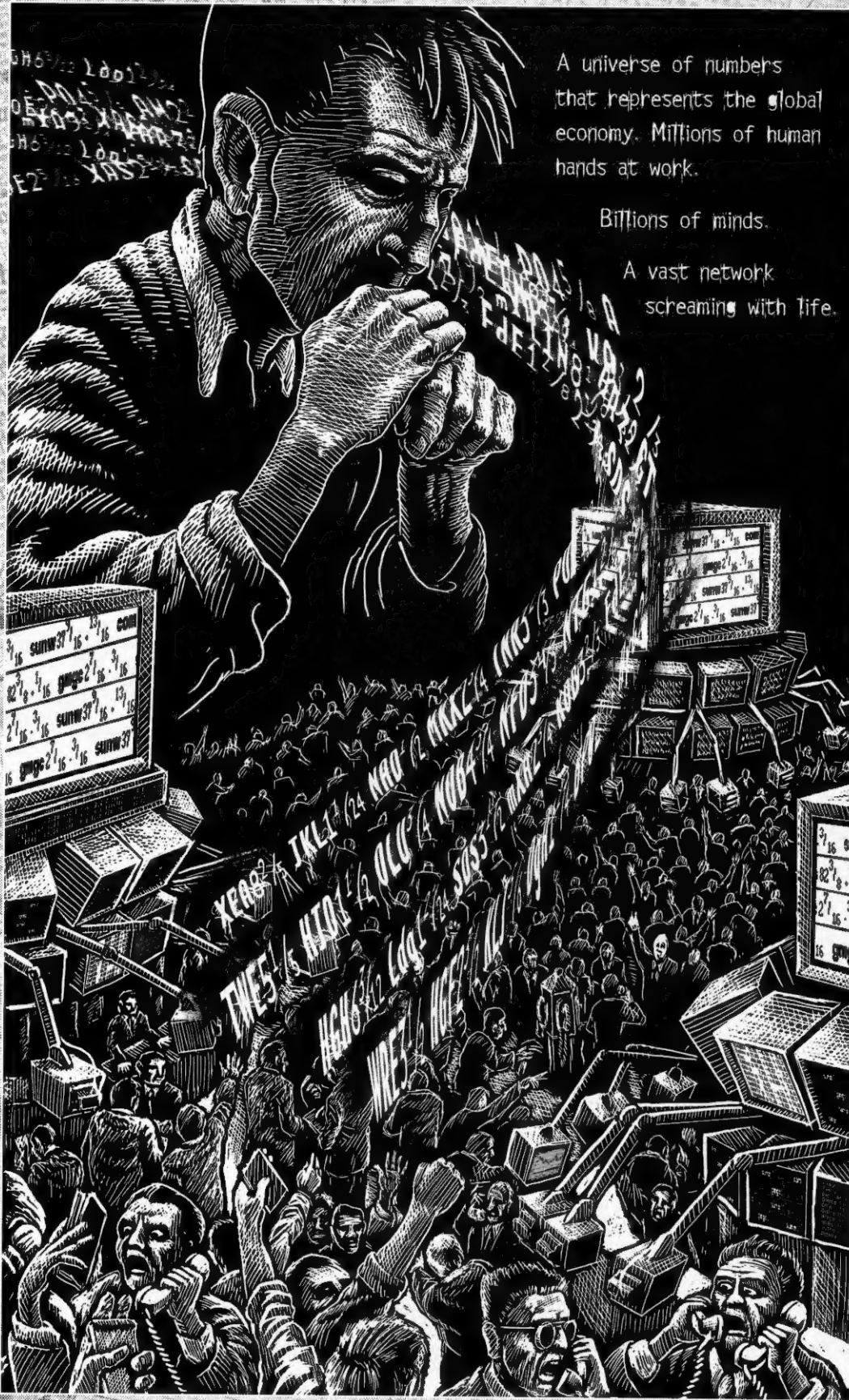
CLICK BUZZZ. CLICK. BUZZZZ. POP. CLICK. CLICK. CLICK BUZZZZ. POP.

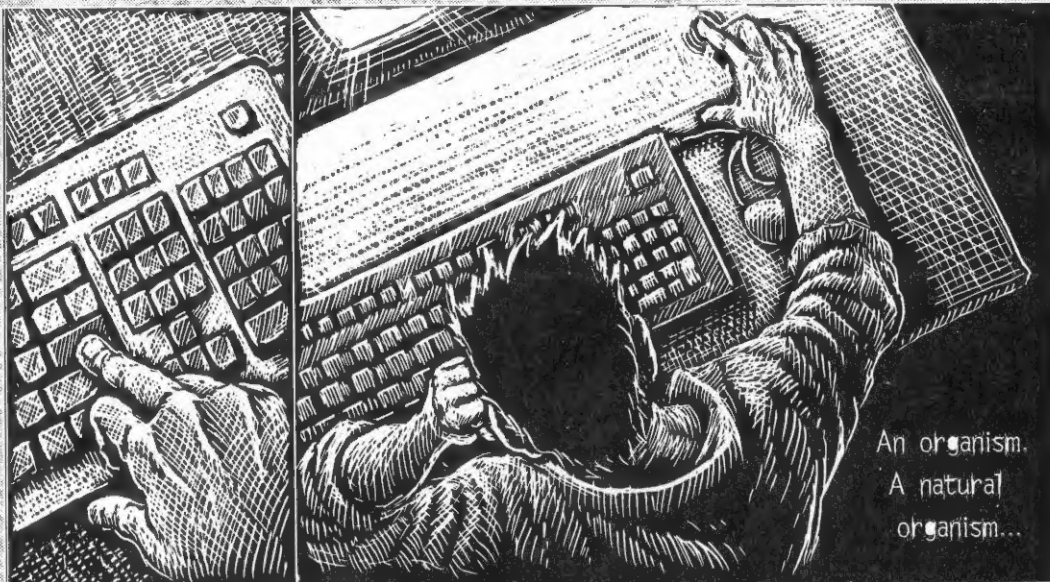


A universe of numbers  
that represents the global  
economy. Millions of human  
hands at work.

Billions of minds.

A vast network  
screaming with life.





An organism.  
A natural  
organism...



Somewhere  
in there...

Somewhere...



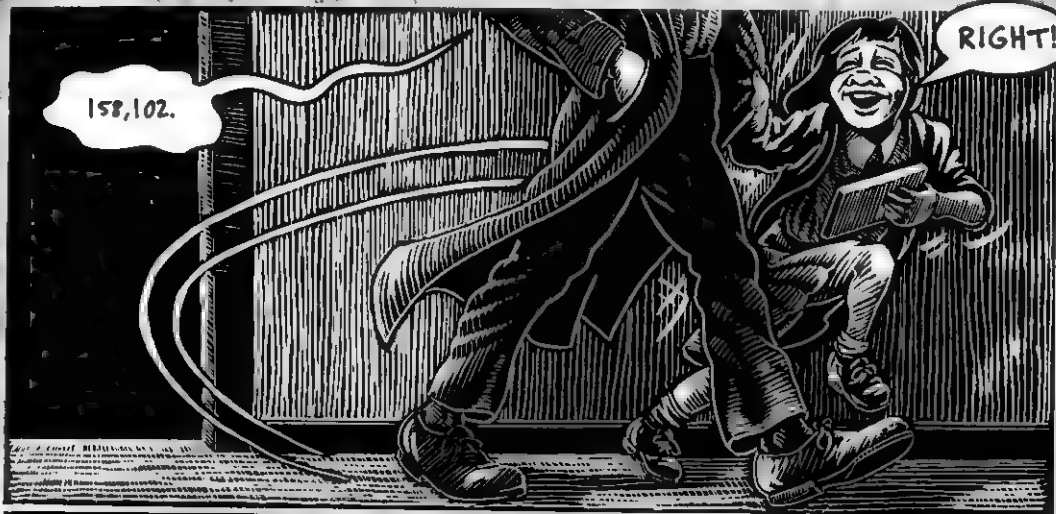
Coffee.  
Need coffee...





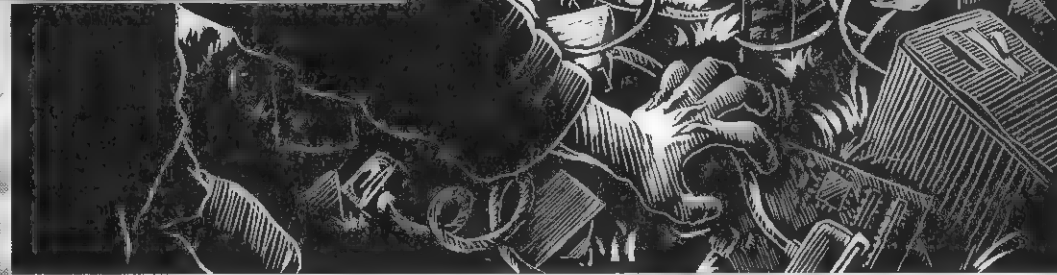








16:14 My Hypothesis





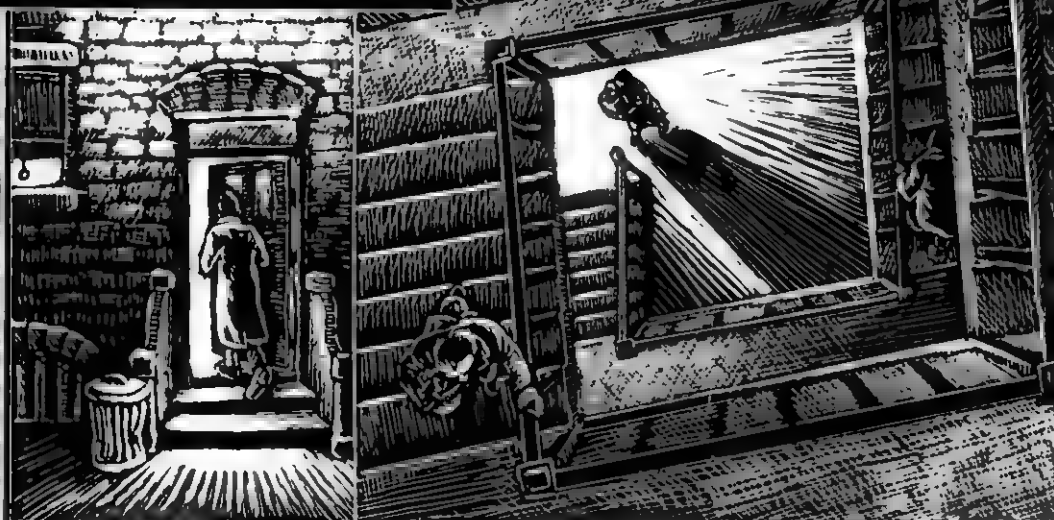
Within the stock market  
there is a pattern  
as well...

Hiding there...  
Lurking...

Right beneath the surface.



I Max Cohen will find this pattern...



Max!



Hey.



You OK?

Uh...yeah...



You gotta take  
care  
of yourself.



You don't look so well..

You gotta take a break...

I hear you working all night. Do you....







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# "A BIZARRE AND INGENIOUSLY PARANOID THRILLER"

— JANET MASLIN, N.Y. TIMES

# "AN ARTISTIC AND EDGY PIECE OF MYSTIFICATION"


— KENNETH TURAN, LOS ANGELES TIMES

---

$\pi$  IS A SCIENCE FICTION THRILLER ABOUT THE HAUNTING JOURNEY INTO  
THE GENIUS MIND OF RENEGADE MATHEMATICIAN MAXIMILIAN COHEN.  
FOR THE PAST TEN YEARS, MAX HAS BEEN ATTEMPTING TO DECODE THE  
NUMERICAL PATTERN BENEATH THE ULTIMATE SYSTEM OF ORDERED CHAOS  
— THE STOCK MARKET. PURSUED BY AN AGGRESSIVE WALL STREET FIRM  
AND A KABBALAH SECT INTENT ON UNLOCKING THE SECRETS BEHIND THEIR  
ANCIENT HOLY TEXTS, MAX RACES TO CRACK THE CODE.

---

LOOK FOR  $\pi$  THIS SUMMER AT A THEATRE NEAR YOU!



# π

*faith in chaos*

A Film By Darren Aronofsky

HARVEST FILMS WORKS, TRUTH & COOL, AND PLANTAIN FILMS PRESENT A DARREN ARONOFSKY FILM  
SEAN GUILLOTTE JC MACK WARELL BEN ZHURMAN SAMI SHARIF PAMULA HART ALAN WALKER JESSIE EDWARDS STEPHEN PEARLMAN  
CASTING BY DENISE FITZGERALD PRODUCTION DESIGNER CLINT MANISSELY COSTUME DESIGNER ERIK ZIMMERMAN  
DIRECTOR OF PHOTOGRAPHY MATTHEW MARSHALL EXECUTIVE PRODUCERS MATTHEW LIAWITZ  
EDITED BY TYLER GORRILL EXECUTIVE PRODUCERS DANNY KIMBLE PRODUCED BY SCOTT DOUGL  
SCREENPLAY BY ERIC WATSON BASED UPON A STORY BY DARREN ARONOFSKY  
PRODUCED BY ERIC WATSON BASED UPON A STORY BY DARREN ARONOFSKY

R RESTRICTED  
Under 17 requires  
accompanying parent or  
adult guardian

MPAA  
RATED R  
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CONTENT  
RATED R  
RESTRICTED

ARLISAN  
FILMS  
A FILM BY DARREN ARONOFSKY



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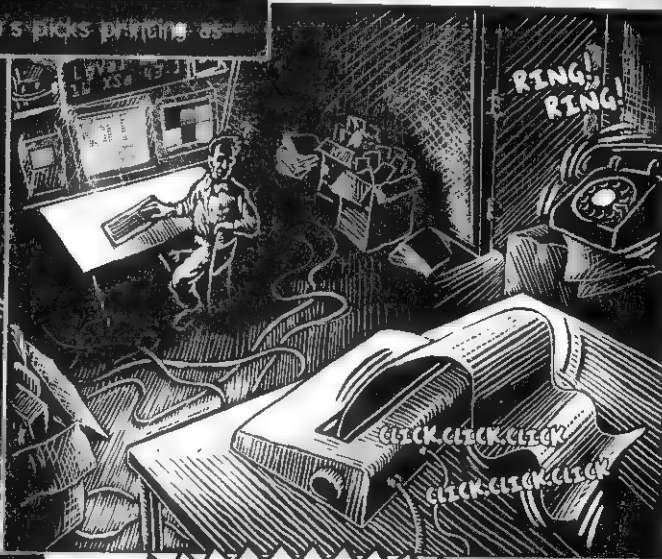
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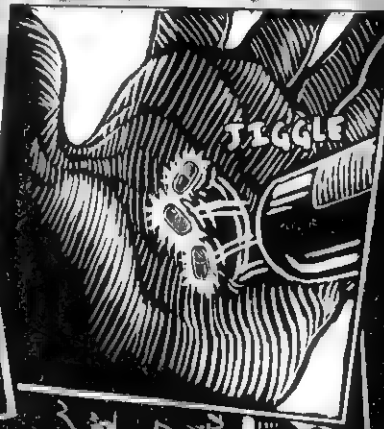






6:14 Progress:  
Running Algorithm 123-A. Tomorrow's picks printing as

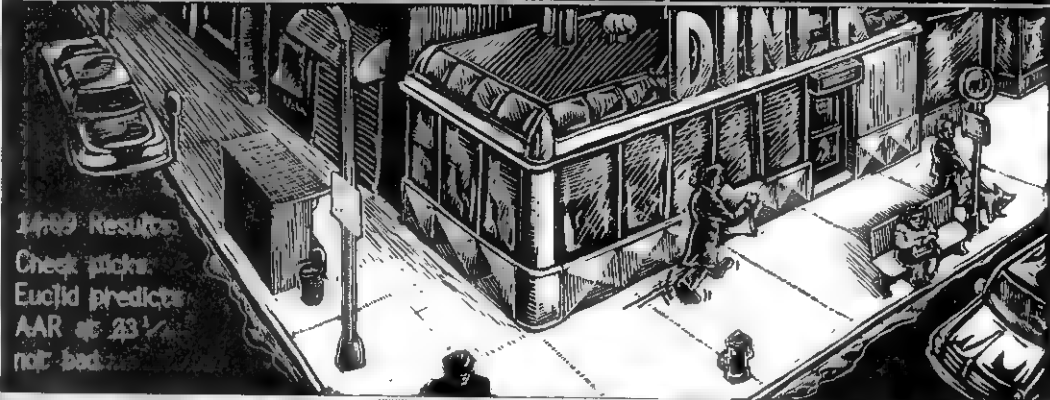




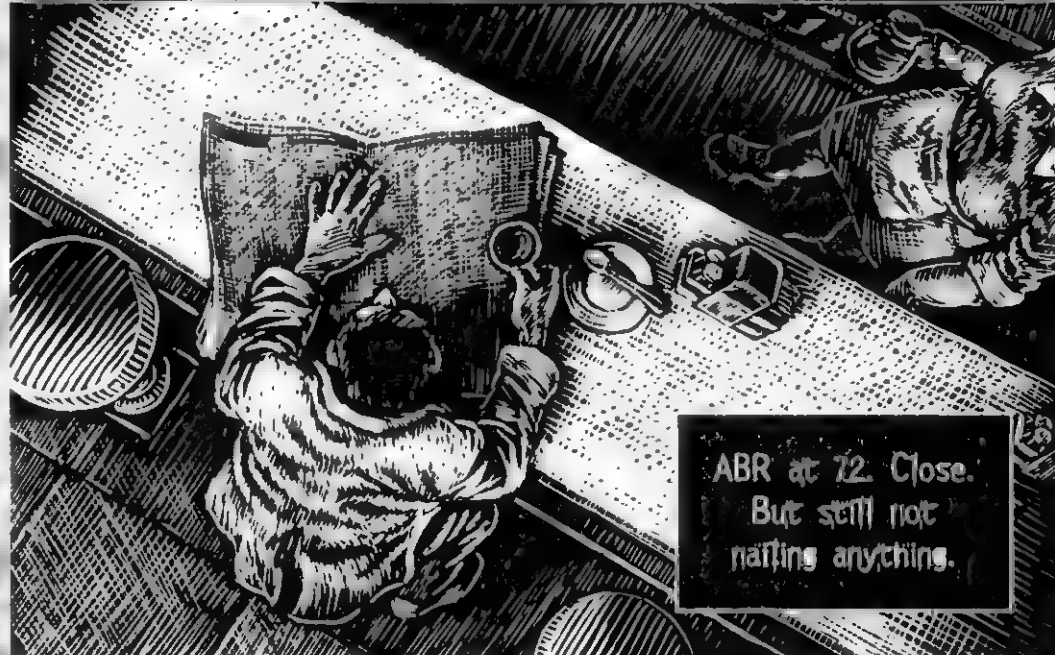
14:45  
Personal Note:



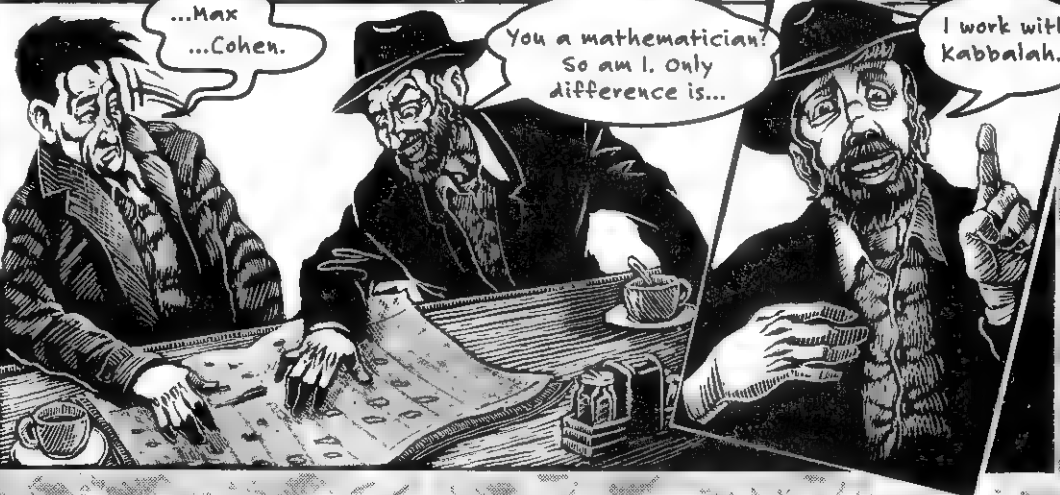
Get to stay focused.  
Don't let Wall Street know  
how close I am. So close.



14:49 Results  
Check picks.  
Euclid predicts  
AAR at 23 1/2  
not bad.







You see, the Ancient Jews used Hebrew as their numerical system. In fact, you can turn the entire Torah into a long string of numbers. Some say that it's a code sent to us from God. Check this out...

The word for the Garden of Eden, Kedem. Koof equals 100.

Daled equals 4, and Mem is 40. 100 plus 4 plus 40 equals 144.

Now, the word for the Tree of Knowledge - in the Garden - Eitz Ha Chayim, equals 233.

דל עמ  
2 X  
1  
KEDM  
קדמ  
40 4 100 = 144  
EITZ HA CHAYIM  
עץ חיים  
40 10 10 9 5 4 = 233

If you search for repeating--

Fibonacci...

Huh?

They're Fibonacci numbers.

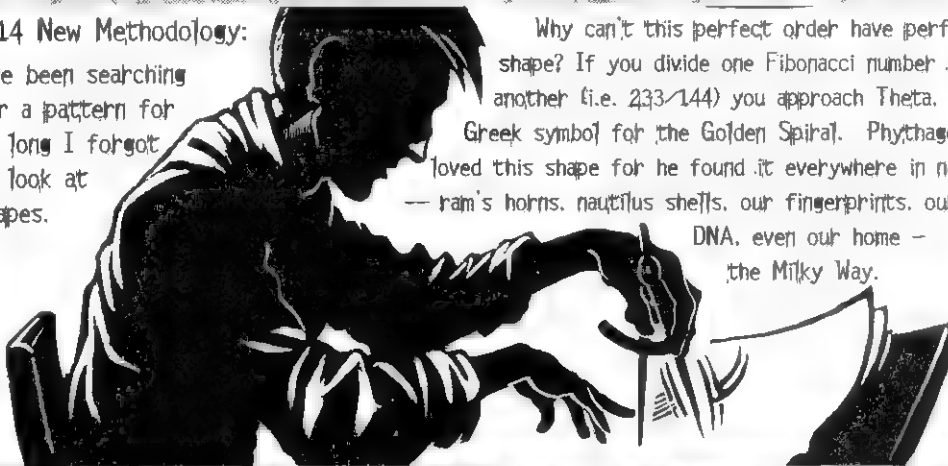




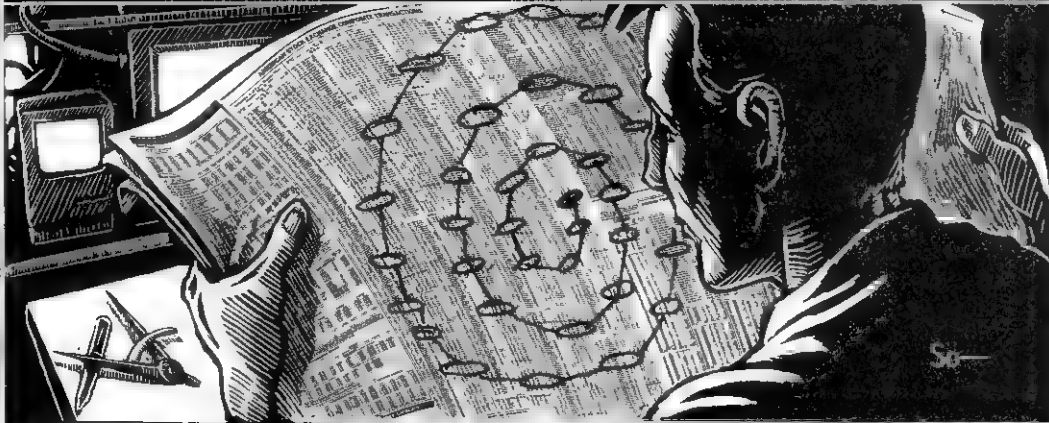
# 8:14 New Methodology:

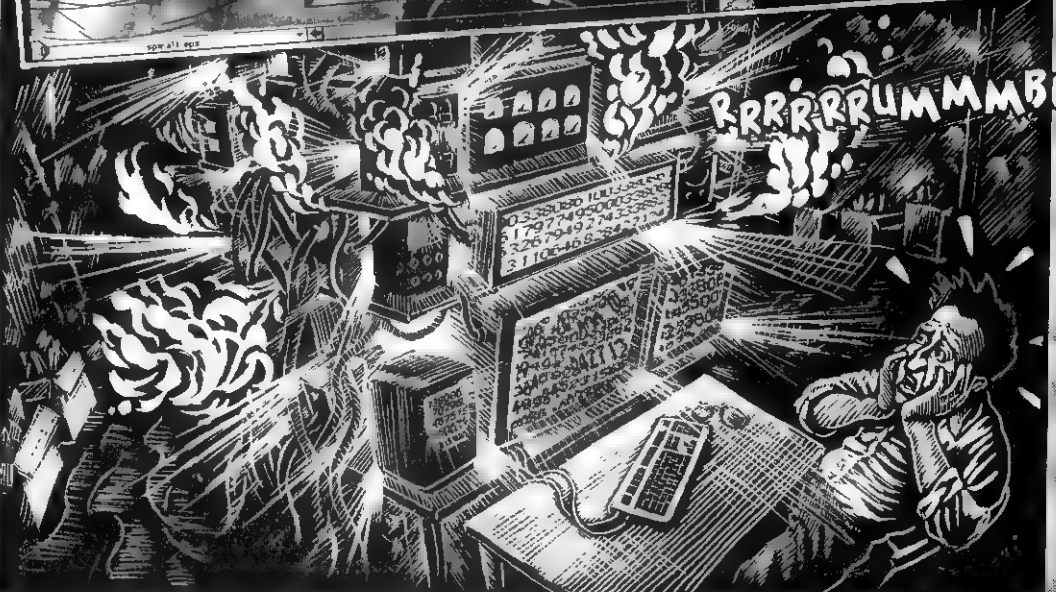
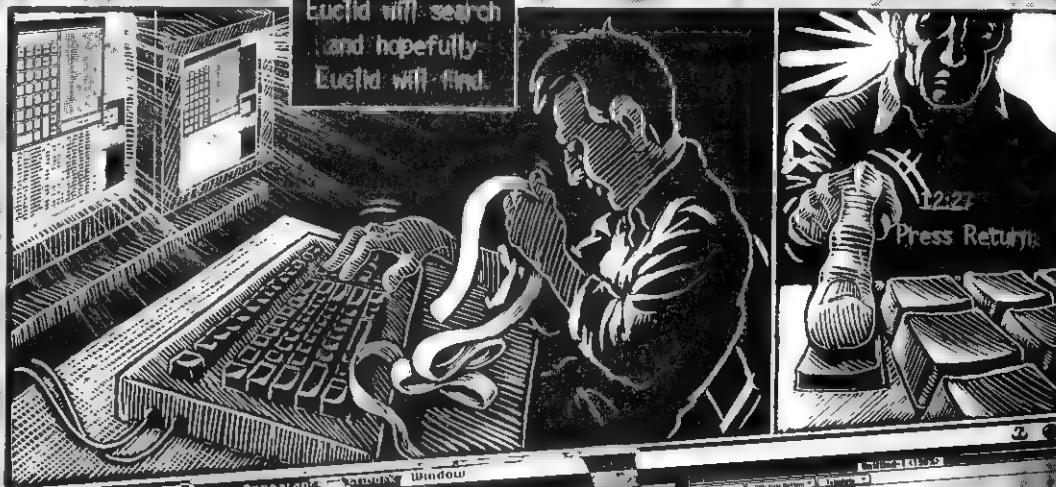
I've been searching  
for a pattern for  
so long I forgot  
to look at  
shapes.

Why can't this perfect order have perfect  
shape? If you divide one Fibonacci number into  
another (i.e.  $233/144$ ) you approach Theta, the  
Greek symbol for the Golden Spiral. Pythagoras  
loved this shape for he found it everywhere in nature  
— ram's horns, nautilus shells, our fingerprints, our  
DNA, even our home —  
the Milky Way.



Fibonacci = 1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89, 144, 233, 377, 610, 987, 1597, 2584, 4181, 6765, 10946...







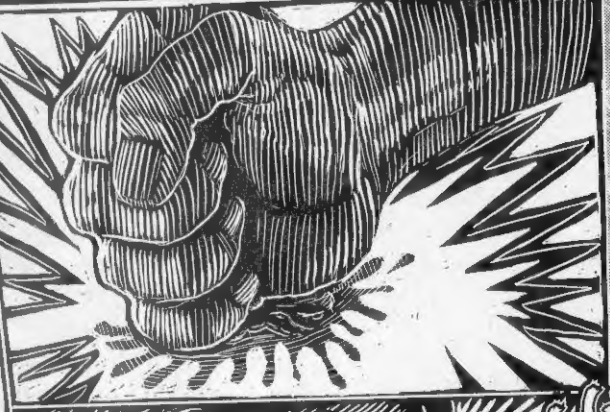
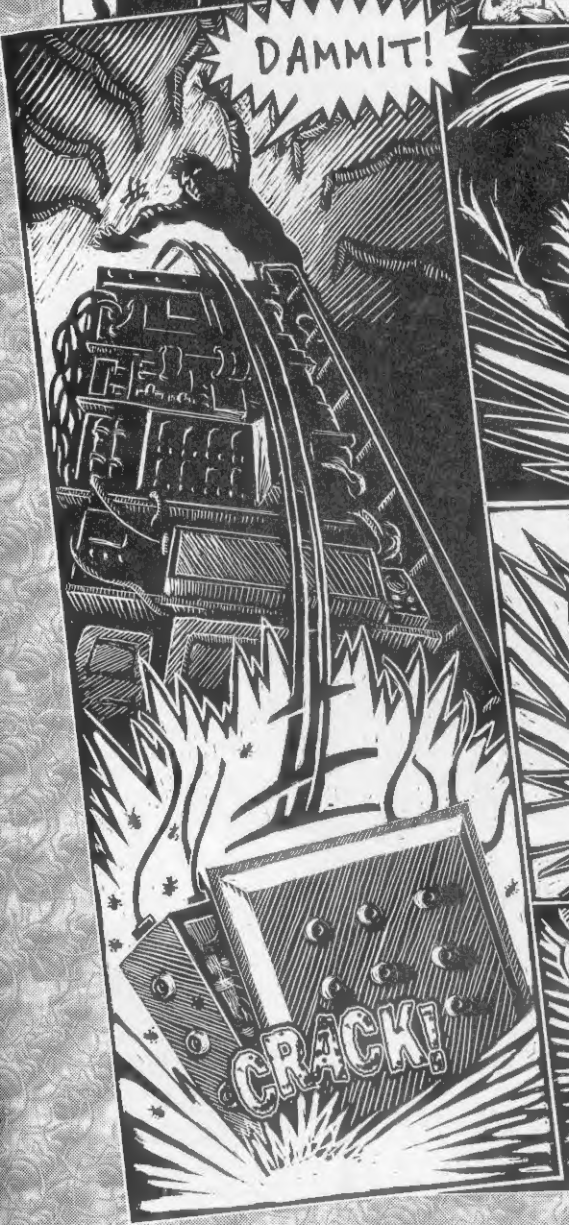
4:45 Results:  
Bullshit.

One pick before the crash.  
AAR at 6 1/2. That's  
absurd. AAR hasn't been  
beneath 2B in a decade.  
Then some gibberish. Just  
some long number.





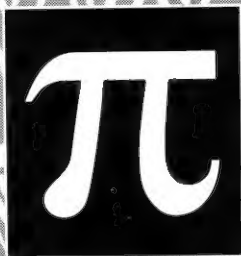












the motion picture  
is now at a theater  
near you.

about the Artists:

**EDWARD ROSS FLYNN** is a graphic designer and illustrator. His scratchboard illustrations have appeared in the pages of *The Village Voice*, *Art & Politics Magazine*, and a host of underground zines such as *Naked Aggression* and *Metal Fest Magazine*. He hooked up with  $\pi$  when he stumbled upon a usenet posting by Aronofsky searching for an artist. (You see, surfing the web isn't just a waste of time!) To see more of his work, check out his website: [www.growlingrooster.com](http://www.growlingrooster.com)

**DARREN ARONOFSKY** was born and raised in Brooklyn, New York and is a product of the public school system. He went on to study animation and live action filmmaking at Harvard University.  $\pi$ , the movie, is Aronofsky's first feature. The sci-fi thriller won the Directing Prize at the 1998 Sundance Film Festival and it will be released this summer. He has wanted to author a graphic novel since he stumbled on Alan Moore's *The Watchmen* in high school. Presently, Aronofsky is developing a new sci-fi feature film and a new graphic novel.

Check out the  $\pi$  website:  
[www.Pithemovie.com](http://www.Pithemovie.com)



$\pi$

## The Book of Ants

Renegade math genius Maximilian Cohen is on the verge of the most important discovery of his life. For the past ten years he has been struggling to decode the numerical pattern beneath the ultimate system of ordered chaos—THE STOCK MARKET. Join us, on a haunted journey into the twisted mind of a visionary balancing on the edge between genius and insanity.

A thrilling mix of science fiction, Kabbalah, migraines, sex, and mystical mathematics,  $\pi$  — THE MOVIE — won the DIRECTING AWARD at the 1998 SUNDANCE FILM FESTIVAL. This graphic novelization is a fresh interpretation by artist Edward Flynn and writer Darren Aronofsky. Scenes have been added, characters have been altered, dialogue has been reshaped, and of course, there's THE ART.

What critics said about the movie:

"A cyberworld update on Lynch's ERASERHEAD  
and Welles' THE TRIAL"

—Amy Taubin, The Village Voice

"A bizarre and ingeniously paranoid mathematical thriller"

—Janet Maslin, The New York Times

"A brilliant cinematic calculus"

—Duane Byrge, The Hollywood Reporter

"Par excellence. Aronofsky's work recalls early David Lynch...  
as well as Stanley Kubrick."

—Todd McCarthy, Daily Variety